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FOR UTILITY	First Named Inventor	Christopher Leitz
SIGN	C	OMPLETE IF KNOWN
LICATION	Application Serial Number	Not yet assigned
Declaration	Filing Date	August 22, 2003
Submitted with Submitted after Initial		Not yet assigned
ling (surcharge CFR 1.16(e) required)	Examiner Name	Not yet assigned
	EIGN  LICATION  Declaration  bmitted after Initial  ting (surcharge	LICATION  Declaration  Demitted after Initial  ing (surcharge  C  Application Serial Number  Filing Date  Group Art Unit  Examiner Name

As a below named inventor, I h	ereby declar	e that:	<del></del>						
My residence, mailing address, and citizenship are as stated below next to my name.									
I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:									
SEMICONDUCTOR HETEROSTRUCTURES HAVING REDUCED DISLOCATION PILE-UPS AND RELATED METHODS									
(Title of the Invention)									
the specification of which					·				
is attached hereto OR			·						
was filed on (MM/DD/YYYY)	was filed on ASC-058B as United States Application Serial Number or PCT International								
Application Number		and was ame	nded on (MM/DD/YYYY)		(if applicable).				
I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.									
1.56 including for continuation-	I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.								
I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.									
Prior Foreign Application Foreign Filing Date Priority Certified Copy Attached?									
Number(s)	Co	untry	(MM/DD/YYYY)	Not Claimed	YES NO				
Additional foreign app	Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.								
I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.									
	Application Serial Number(s) Filing Date (MM/DD/YYYY)								
60/405,484		08/23/2002		Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.					

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DECLARATION – Utility or Design Patent Application								
I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.								
U.S. Parent Application o Serial Numbe	Parent Filing Date (MM/DD/YYYY)			Parent Patent Number (if applicable)				
Additional U.S. or PCT internation								
As a named inventor, I hereby appoin and Trademark Office connected then	ewith: Customer No	umber	to prosecute this application and the prosecute this application are prosecuted to the prosecuted the pros	$\rightarrow$	Place Customer Number Bar Code Label Here			
			I		Registration			
	Registration Number	0	Name		Number			
Andrew F. Abramson Steven M. Bauer Mark L. Beloborodov John V. Bianco Robert S. Blasi Michael H. Brodowski Jennifer A. Camacho Joseph A. Capraro, Jr. Fangli Chen Christopher H. Chung John J. Cotter Robert V. Donahoe Brian A. Fairchild James E. Fajkowski Jason P. Fiorillo John V. Forcier Steven J. Frank Kia L. Freeman Brian M. Gaff Edward A. Gordon Duncan A. Greenhalgh	52,538 31,481 50,773 36,748 50,389 41,640 43,526 36,471 51,551 50,351 38,116 46,667 48,645 54,089 52,892 42,545 33,497 47,577 44,691 P-54,130 38,678		William R. Haulbrook Ira V. Heffan Douglas J. Kline William A. Meunier Thomas C. Meyers Jennifer G. Moitoso Ronda P. Moore Jeremy P. Oczek Jamie H. Rose Christopher W. Stamos Diana M. Steel Robert J. Tosti Thomas A. Turano Natasha C. Us Christine C. Vito Daniel A. Wilson Gerald E. Worth		53,002 41,059 35,574 41,193 36,989 51,752 44,244 50,054 35,370 43,153 35,393 35,722 44,381 39,061 45,508 45,238			
Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.								
Direct all correspondence to:	Patent Administrates, Hurwitz & High Street Tow 125 High Street Boston, MA 02 Tel. No.: (617) 2 Fax No.: (617) 2	thibeault, er 110 48-7000	LLP					

Declaration and Power of Attorney for Utility or Design Patent Application Atty. Docket No. ASC-058B Page 3 of 4

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Christopher					Vineis					
Inventor's Signature	lof Vi				•	<del></del>	Date 8/		27/03	
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